



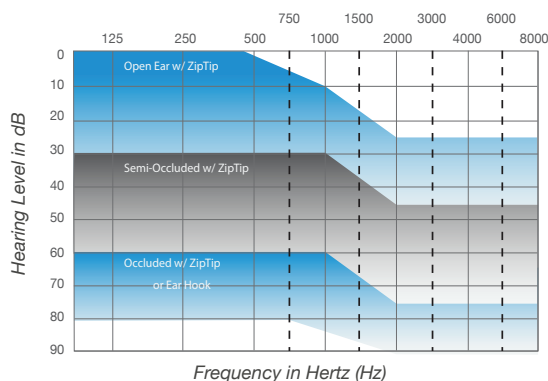
400 Series & 450 Series



Features

- Digital / Non-Programmable
- Hydrocoat
- Digital Volume Control w/Audible Max/Min
- Volume/Memory Retention VMR™ after Power Cycle
- Feedback Shield™
- Tri-Mode Layered Noise Reduction
- Dynamic Speech Enhancement
- 12 Bands, 4 Channels Processing
- Memories 1-3 (6dB / Octave increments)
- Telecoil Option (Claret450; Memory4)
- Memory Change Indicator
- Low Battery Indicator
- Thin tube or Earhook

Fitting Range



ANSI S3.22-2003
2CC Coupler

IEC-118-0
Ear Simulator

Thin Tube / Earhook

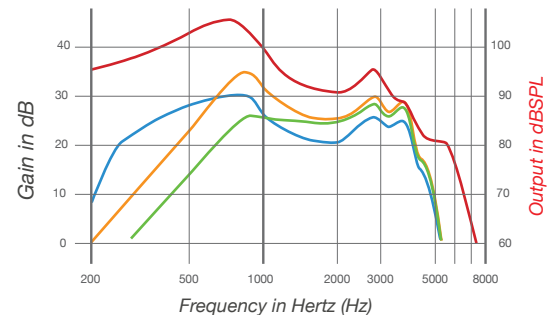
Thin Tube / Earhook

| | Thin Tube / Earhook | Thin Tube / Earhook |
|-------------------------|---------------------|---------------------|
| OSPL90 Maximum | 106 / 112 dBSPL | 113 / 119 dBSPL |
| OSPL90 @ 1600 Hz | N/A | 104 / 113 dBSPL |
| HFAverage OSPL90 | 97 / 106 dBSPL | N/A |
| Peak Gain | 36 / 45 dB | 43 / 52 dB |
| HFA Full-On-Gain | 30 / 39 dB | N/A |
| Full-On-Gain @ 1600 Hz | N/A | 37 / 46 dB |
| Reference Test Gain | 20 / 29 dB | |
| R.T.G @ 1600 Hz | | 27 / 36 dB |
| Frequency Range (F1-F2) | 200-6300 Hz | N/A |
| THD at 500 Hz | < 3% | < 3% |
| 800 Hz | < 3% | < 3% |
| 1600 Hz | < 3% | < 3% |
| Equivalent Input Noise | < 29 / < 27 dBSPL | < 25 / < 27 dBSPL |
| Tele-Coil Sensitivity | 85 / 93 dBSPL | 92 / 100 dBSPL |
| Attack Time | 10 mS @ 2kHz | 10 mS @ 2kHz |
| Release Time | 70 mS @ 2kHz | 70 mS @ 2kHz |
| Battery Current Drain | 0.82 mA | 0.82 mA |
| Battery Life [312] | 195 hrs | 195 hrs |

*AGC not fully activated

ThinTube Curves

MEMORY 1 (Blue), MEMORY 2 (Orange), MEMORY 3 (Green), OUTPUT (Red)



BTE Curves

MEMORY 1 (Blue), MEMORY 2 (Orange), MEMORY 3 (Green), OUTPUT (Red)

